OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223545

Kif1c (NM_153103) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif1c (NM_153103) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif1c
Synonyms:	B430105J22Rik; D11Bwg1349e; Ltxs1; Orch3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223545 representing NM_153103
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGGAGCCTCCGTGAAAGTTGCAGTGAGGGTTCGGCCCTTTAATGCCCGTGAGACCAGCCAGGATG
CCAAGTGTGTGGTCAGCATGCAGGGCAACACCACCTCCATCATTAATCCCAAACAGAGCAAGGATGCCCC
CAAAAGCTTCACCTTCGACTATTCTTACTGGTCGCATACTTCGGTGGAGGATCCGCAGTTTGCATCTCAG
CAGCAGGTGTACCGAGACATAGGAGAAGAGATGCTACTCCATGCCTTTGAAGGCTACAATGTGTGCATCT
TTGCCTACGGGCAGACGGGGGCTGGGAAGTCCTACACCATGATGGGGCGGCAGGAGCCGGGGCAGCAGGG
CATTGTGCCTCAGCTCTGTGAGGACCTCTTCTCTCGAGTCAATGTGAACCAGAGTGCCCAGCTTTCCTAT
TCAGTAGAGGTGAGCTATATGGAAATCTATTGCGAGCGAGTACGAGACCTCTTGAACCCCAAGAGTCGGG
GCTCTCTGCGGGTCCGGGAGCACCCCATCCTAGGCCCGTACGTGCAAGACCTGTCTAAACTGGCTGTGAC
TTCCTATGCAGACATTGCCGACCTCATGGACTGTGGAAATAAGGCAAGAACCGTGGCTGCCACCAACATG
AACGAGACCAGCAGCCGCTCCCATGCCGTCTTTACTATTGTCTTTACCCAGCGATCCCATGACCAGCTTA
CTGGCCTGGATTCAGAAAAGGTCAGTAAGATCAGCTTGGTGGACCTCGCCGGGAGTGAGCGGGCTGACTC
CTCAGGGGCCCGGGGGATGCGTCTAAAGGAAGGCGCCAACATCAATAAGTCCCTGACTACGCTTGGGAAG
GTGATCTCAGCCCTGGCAGATTTGCAATCAAAGAAGCGGAAGTCGGATTTCATCCCCTATAGAGACTCAG
TGCTTACCTGGCTGCTCAAGGAGAATTTGGGTGGGAACTCTCGCACAGCAATGATTGCAGCCCTGAGTCC
TGCTGACATCAATTACGAGGAGACACTCAGCACTCTCAGGTATGCAGACCGCACCAAGCAGATCCGATGC
AATGCTGTCATCAACGAGGACCCCAATGCCCGGCTTATCCGGGAGCTGCAGGAGGAGGTGGCCCGGCTGC
GGGACCTGCTGATGGCTCAGGGGCTGTCAGCCTCTGCTCTAGGAGGTCTAAAGGTGGAAGAGGGGAGTCC
TGGAGGTGTTCTGCCCCCTGCATCATCTCCCCCCGCCCCAGCTTCACCCTCATCTCCTCCCCCACATAAT
GGGGAGCTGGAGCCCTCATTCTCACCCAGTGCCGAGCCCCAGATTGGGCCTGAGGAGGCCATGGAGAGGC
TGCAGGAAACAGAGAAGATCATAGCTGAGCTGAATGAGACTTGGGAGGAGAAGCTTCGGAAGACAGAGGC
TCTGAGAATGGAGAGAGAAGCATTGCTGGCTGAGATGGGCGTGGCTGTCCGGGAGGATGGCGGTACTGTG
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GGTGTCTTCTCTCCAAAAAAGACTCCCCACCTGGTAAATCTGAATGAGGACCCCTTGATGTCTGAATGTC
TTCTCTACCACATCAAAGATGGCGTCACCAGGGTTGGCCAAGTAGATGTGGACATCAAGTTGACTGGCCA
GTTCATCCGGGAGCAGCATTGCCTCTTCCGCAGCATCCCTCAGCCTGATGGAGAAGTGATGGTTACTCTG
GAGCCTTGTGAAGGAGCTGAGACATATGTCAATGGGAAGCTCGTGACGGAGCCGCTGGTGCTGAAGTCAG
GAAACAGGATTGTAATGGGCAAGAACCATGTTTTCCGCTTCAATCACCCGGAGCAGGCGCGGCTGGAACG
AGAACGTGGGGTCCCCCCGCCCCCAGGACCTCCCTCGGAGCCTGTGGACTGGAACTTTGCTCAGAAGGAG
CTGCTGGAGCAGCAAGGCATAGACATCAAGCTGGAGATGGAGAAGAGGCTGCAGGACTTGGAGAATCAGT
ACCGGAAAGAGAAGGAAGAGGCTGACCTTCTGCTGGAGCAGCAGCGGCTGTATGCAGACTCTGACAGCGG
GGAAGACTCTGACAAGCGTTCTTGTGAAGAAAGCTGGCGGCTGATTTCCTCCTTGCGGGAGCAGCTGCCC
CCTACCACAGTACAGAACATTGTCAAGCGCTGTGGCCTGCCTAGTAGTGGCAAGCGCAGGGCCCCTCGAA
GAGTCTATCAGATCCCTCAGCGACGGCGGCTCCAGGGCAAAGACCCCCGATGGGCCACCATGGCTGACCT
GAAGATGCAGGCAGTAAAGGAGATATGCTATGAGGTGGCCCTAGCCGACTTCCGCCACGGACGAGCAGAA
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ATGCCTGGAGAGCCGTGGCCAGGGATGTCTGGGATACTGTGGGTGAAGAAGAAGGATGTGGAGGTGGCGG
AGGTGGCAGTGAGGAGGGAGCCCGTGGGGCAGAGGTGGAGGACCTCCGGGCTCACATCGACAAGCTGACA
GGGATCCTGCAGGAGGTGAAGCTCCAGAACAGCAGCAAGGACCGCGAGCTGCAGGCCCTGCGGGACCGCA
TGCTCCGCATGGAGAGGGTCATCCCGCTGACTCAGGATCTTGAGGATGATAATGACGAGTCTGGTTTGGT
CACCTGGGCCCCACCGGAAGGGCCAGAAGCAGTAGAGGAGACAGTGCCCAACGACCACTCACCAGCTGTC
CGGCCCACCTCACCACCTCTGTCCAGCTGGGAGCGGGTGTCGAGATTGATGGAAGAGGACCCTGCCTTCC
GTCGCGGCCGCCTTCGCTGGCTCAAGCAGGAGCAGCTGCGGCTGCAGGGACTGCAGGGCGCTGGGGGCCG
GGGTGGGGGACTGCGCAGGCCTCCAGCCCGCTTTGTGCCCCCGCATGATTGCAAGCTGCGCTTCCCCTTC
AAAAGCAACCCTCAGCACAGGGAGTCCTGGCCAGGAATGGGGAGTGGAGAGGCCCCAGCTCCTCAGCCCC
CTGAAGAGGTCACTGTCCCCCCAGCACCCCCTAACCGTAGGCCTCCAAGTCCCCGAAGACCCCACCGTTC
TCGCAGGAATTCCCTAGATGGAGGGAGCCGATCTCGGGGAGGGGGTTCTACACAGCCAGAACCCCAGCAC
TTACGGCCCCAAAAGCACAACGGTTATCCCCAACAGCCCCAGCCCAGCCCAGCCCAGCGGCCAGGGCCCC
GCTACCCACCATACACTACCCCTCCGCGAATGCGACGGCAGCGCTCAGCCCCTGACCTCAAAGAGAGTGG
GGCAGCTGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153103

Insert Size: 3303 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

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RefSeq:	NM_153103.2, NP_694743.2
RefSeq Size:	6764 bp
RefSeq ORF:	3303 bp
Locus ID:	16562
UniProt ID:	O35071
Cytogenetics:	11 B3
Gene Summary:	Motor required for the retrograde transport of Golgi vesicles to the endoplasmic reticulum. Has a microtubule plus end-directed motility (By similarity).[UniProtKB/Swiss-Prot Function]

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